

Y-12er's Young Son Sings On Network TV Tomorrow

You can be sure the G. R. Patterson family will be glued to their television set tomorrow night. Their 11-year-old son will be on coast-to-coast video, singing under the direction of master musician Leonard Bernstein. John Kellett Patterson attends the St. Thomas Church Choir School, West 55th Street, New York. The choir of 20 young boys will sing a collection of Christmas carols.

The program will be aired locally by WBIR-TV, Channel 10, tomorrow, Thursday, December 14, at 7:30 p.m.

The boarding school affords youngsters the opportunity to study music in their early years. They sing at the St. Thomas Episcopal Church, Fifth Avenue at 53rd, New York.

John's older brother, Richard, also attended the choir school in 1958-59. Richard will star in the Maryville Choir's production of Gian Carlo Menotti's "Amahl and the Night Visitors," next week, Thursday, December 21. The beautiful opera is the touching story of the crippled lad who gave his crutch to the Magi as a gift for the Christ Child. In its few years of existence, it has already become a seasonal classic.

The Pattersons live on Morrell Road, Knoxville. Besides the two sons above, they have another son, David, and a daughter Julia. Patterson is in Y-12's Radiation Safety Department.

ORCMA To Present Handel's 'Messiah'

A Christmas treat is in store for music-minded Oak Ridgers as the Oak Ridge Chorus and the Oak Ridge Symphony will present George Frederick Handel's monumental oratorio "The Messiah" in concert Saturday, December 16. The musical masterpiece is scheduled to begin at 8:15 in the Oak Ridge High School auditorium.

Soloists include Kay Hamrick, soprano; Rusty Whitley, contralto; Thomas Tucker, tenor; and H. F. McDuffie, bass. The chorus is under the direction of Franklin Choset.

The familiar arias and ensembles from the original Dublin version will be used in the performance. The concert is under the auspices of the Oak Ridge Civic Music Association. Tickets will be available at the box office prior to the performance.

November Isotopes Total Some 997 Shipments

The Atomic Energy Commission's Oak Ridge National Laboratory made 997 shipments of radioisotopes during November. These shipments involved 12,657 curies, making a total of 11,907 shipments and 438,203 curies for the first 11 months of 1961.

Credit Union Sets Annual Meet Time

**W. O. Elam Heads
Nominating Committee**

The Y-12 Employees Federal Credit Union will hold its annual meeting Saturday, January 17, 1962, in the Green Room of the Ridge Recreation Hall, Oak Ridge, Tennessee. The annual meet will see the election and installation of the new officers for the coming year.

All members are cordially invited to attend the meeting. A large door prize will be given away, a portable television set, to some lucky ticket holder.

The Open House, held Sunday, November 19, saw a relatively new member of the Credit Union win the door prize. William E. Colvard, in Y-12's Cafeteria, won the clock-radio at the new building festivities.

Meanwhile, the Credit Union announces that W. O. Elam, in the Y-12 Fire and Guard Department, will head the nominating committee for new officers. Some officers are still on staggered terms, but many vacancies occur every year in vital posts in the organization.

Lorena Causey, Treasurer and General Manager of the organization, relates that many Y-12ers have dropped by to see the new building this month. Those employees who have not visited the new offices are always welcomed. The Credit Union is closed all day on Wednesdays, but is open other week-days during the hours of 7:15 a.m. through 5:15 p.m.

The gleaming new building is a credit definitely to the credit organization.

The January 17 annual meet is the only meeting scheduled for all members to take a voice in their credit union's activities.

So, mark that day on your calendar now!

AEC Installs Seat Belts In Motor Pool Vehicles

Automobiles in the Atomic Energy Commission's "motor pool" are being equipped with seat belts.

The Oak Ridge Operations office of the AEC announced last week that ultimately all passenger vehicles in the pool will be equipped with safety belts, as an added safety feature.

The first autos to have seat belts added were those which are used in transporting official visitors to the Oak Ridge area. One of these vehicles is a 12-passenger automobile which has been equipped with 12 belts.



OLD SANTA HIMSELF always shows up promptly at the Carbide Children's Parties held annually at this time of year. The happy youngsters gathered around Santa reflect the joys and excitement of the parties.

AEC-ORINS Effect 5-Year Contract

The United States Atomic Energy Commission and the Oak Ridge Institute of Nuclear Studies have agreed to a five-year extension of their current contract. ORINS conducts research, education, and training programs for the AEC.

The contract was due to expire June 30, 1962. This extension puts the new expiration date at June 30, 1967.

Involving more than \$3,000,000 expenditures annually, the Institute is a non-profit educational corporation sponsored by 38 southern universities and colleges. ORINS performs AEC work in medical research, specialized training in radioisotope utilization, university level educational programs including the national fellowship program, and public education programs including operation of national traveling exhibits. The Institute also carried out programs for the National Science Foundation in cooperation with the AEC.

'62 Calendars No Boon To Week-Ends

The new 1962 calendars brought sad news to the long week-enders, planning holiday sprints next year. Only three holidays fall on week-ends during 1962. New Year's Day comes on Monday, Good Friday and Labor Day are, quite naturally, on week-ends also. Good Friday comes April 20, and Labor Day falls on September 3.

Thursday holidays will be February 22, George Washington's Birthday; and Thanksgiving Day, November 22. Wednesday holidays are Memorial Day, May 30, and Independence Day, July 4. Christmas falls on Tuesday.

Chemical Engineers Meet Tomorrow, ORINS Bldg.

Tomorrow, Thursday, December 14, is announced as the next meeting of the Knoxville-Oak Ridge Section of the American Institute of Chemical Engineers. The meeting, set for 8 p.m., will be held in Room 18 of the Oak Ridge Institute of Nuclear Studies training building.

John Shacter, manager of planning for Union Carbide Corporation, will address the meeting. The subject of his talk will be "Challenges to Management in the Sixties."

New Deadline Is Set For Christmas Edition

Next week's Bulletin, dated December 20, will be the final issue of the year. As has been the custom for many years, no paper is issued the last week of the calendar year. The deadline for the Christmas issue of the Bulletin is announced as one day earlier than usual, or Wednesday, December 13.

Copy and pictures must be in the Bulletin office by 4:30 p.m. next Wednesday. The office number is Room 149, Building 9704-2, and the telephone number is 7109.

Final Rites Held For G. A. Pittman

The Y-12 plant was saddened Friday, November 30, in the death of George A. Pittman, 46, a sheet metal worker in the General Machine Shop.

Funeral services were held Monday, December 3, at 10 a.m. in the chapel at Weaver's Funeral Home, Knoxville. The Rev. A. B. Green officiated at the services. Burial was in the New Gray Cemetery.

Pittman, who came to work in Y-12 May 21, 1953, had previously worked in Oak Ridge for Stone and Webster during the war years. He had also worked at Brookside Mills, Knoxville, and the Ford Motor Company, Dearborn, Mich.

He is survived by his wife, Mrs. June Clements Pittman, 900 East Vermont, Knoxville; his mother, Mrs. Bessie Pittman; sons, George and Ronnie Pittman, and a daughter, Mrs. Carolyn Ann Raby, all of Knoxville; brothers, Fred A. Pittman, U. S. Air Force, Germany; Elmer H. Pittman, Mobile, Ala.; Johnny Earl Pittman, Waynesville, N. C.; one grandson; his grandmother Mrs. Fred Patten of Cincinnati; sisters, Mrs. Margaret Miller, Knoxville; Mrs. Paul Pate, Mrs. Ruby Wright, of Marietta, Ga.; Mrs. Lula Green, Ramulus, Mich.; Mrs. Clara Thomas, Little Rock, Calif.; and Mrs. Helen Henderson, Washington, D. C. Sincere sympathy is sent the surviving family from co-workers and friends in Y-12.

Yule Parties For Children Promise Santa

**Deadline For Ticket
Applications Is Set
As Friday, December 15**

The final call is out for applications to the big Carbide Christmas parties for kids coming up next week. The first one will open Wednesday morning, 10 p.m. Others are held at 1 and 3 p.m. Wednesday, December 20, and at the same hours on Thursday, December 21.

Recreation, after climbing from under the deluge of ticket applications, says that to date all applications have been filled. If your tickets have not arrived at home, they are in the mail, that is, if the application has been turned in.

Santa Claus, with his big, red nose will be there to bring merriment to the hearts of all children.

Trained Dog Act

Lona and her trained dogs will perform, also. There will be the usual array of colored cartoons to brighten up the party. Also, a stocking will be provided for each child guest. The surprise package this year is bigger and better than ever!

The six parties set for the Oak Ridge High School auditorium Wednesday and Thursday promise joy to all employees' children.

Oak Ridge Gaseous Diffusion Plant's Harry Carper, one of the many fixtures at all children's parties, will again act as host at the gatherings. His "Hi, kids, Merry Christmas," has long been traditional heralds to the Yule season for Carbide kids.

St. Nick himself didn't have any late pictures of himself, so a dig into the files revealed one from last year's parties. It serves just as well, for the same merry old gentleman will be on hand again this year with his usual bag of tricks.

Deadline Friday

Deadline for submitting the applications for tickets is Friday, December 15. No tickets will be processed after that date.

So, you had better get on the ball, if that youngster is not going to be disappointed.

All children between the ages of two and 10 are welcomed at the parties. It is advisable that chaperons be provided for the children, also. Tickets are required for adult attendants at the parties, and should be ordered along with the other tickets.

Y-12 adults capered to the big dance held last Friday, December 8, at the Oak Terrace in Oak Ridge. As per usual, the crowded masses enjoyed a fine evening of dancing and conviviality. Pictures of the big dance will appear in next week's Bulletin.

See you kids at the parties next Wednesday and Thursday!

A LOT OF HIGH TOURISTS

Approximately 20,000,000 visitors have climbed to the top of the Washington monument in our nation's capital.



W. O. Elam



G. A. Pittman



Harry Carper

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
26 Days Or
833,000 Man-Hours
(Unofficial Estimate)
Without A Disabling
Injury
Through December 10
Phone 7755
For Daily Report
On Accident-Free Hours

The Bulletin

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UT Graduate Classes Set Winter Quarter

Registration Starts
Tuesday, January 2

Registration for the winter quarter classes in the Oak Ridge Resident Graduate Program of the University of Tennessee begins Tuesday, January 2, 1962, from 6 until 9 p.m. Registrations are held at the Oak Ridge Institute of Nuclear Studies Building, directly behind the Atomic Energy Commission administration building in Oak Ridge.

Classes begin Thursday, January 4, and end Friday, March 9. All registrations must be completed by Tuesday, at 4:30 p.m., January 9, including the payment of fees.

Textbooks Available

Textbooks for the winter quarter from the UT Bookstore will be available during registration at the Graduate Office in Oak Ridge. Textbooks for courses held in Knoxville will not be sold in Oak Ridge.

Courses offered are in the Chemistry field: Chemical Engineering 582, **Chemical Engineering Flow Phenomena**, Chemistry 582c, **Radiochemistry**, and Chemistry 585, **Introduction to Wave Mechanics**.

Physics courses offered are Physics 372, **Introduction to Atomic and Nuclear Physics**, Physics 452, **Atomic Physics Laboratory**, Physics 462, **Gaseous and Solid States**, Physics 512, **Introduction to Theoretical Physics**, Physics 562, **Mathematical Methods in Physics**, and Physics 622, **Nuclear Structure**.

Math Courses Offered

Math courses to be taught are Mathematics 416, **Linear Algebra and Geometry**, Mathematics 452, **Introduction to Analysis**, and Mathematics 466, **Introduction to Mathematical Statistics**.

Engineering subjects offered are Metallurgical Engineering 582, **Special Topics in Metallurgy**, and Metallurgical Engineering 585, **Metallurgy of Deformation and Fracture**.

There will also be offered some Industrial Management subjects, namely, Industrial Management 532, **Management Problems in Industrial Research**, and Industrial Management 531, **Business Policy**. The IM course 501-2-3 will also be given. This subject covers the writing of a master's thesis.

Y-12ers Celebrating 15, 10 Year Anniversaries

Congratulations to the following Y-12ers who will observe 10 and 15-year anniversaries with Carbide within the next few days.

15 YEARS

Paul B. Proffitt, Maintenance Automotive Equipment, December 13.

10 YEARS

Arthur Cleveland, Area Five Maintenance, December 17.

Billie J. Ellenburg, Research Services, December 17.

Lee A. Johnson, Buildings and Grounds, December 18.

Francis W. Henson, Electrical, December 18.



A tiny but dignified old lady was among a group looking at an art exhibit. A modern painting caught her eye. "What is that?" she inquired of the artist standing nearby.

Smiling condescendingly, he replied, "That, my dear lady, is supposed to be a mother and her child."

"Then why isn't it?" snapped the little old lady.

There's supposed to be a few things happening around Y-12, mainly in

MAINTENANCE



Lisa Ann Swisher

Now here's the pride of Grandpa E. C. Gross's wallet, his little granddaughter, only six months old. The happy baby is named Lisa Ann Swisher.

Get well wishes are sent E. W. Pipes, ill in the Oak Ridge Hospital. Other electric news is that K. B. Reedy and A. B. Currens enjoyed a week of "just doing nothing" around the house. J. L. Young vacationed again and the bets are that he really got that addition completed on his home.

C. F. Mason has returned after a week's vacation and he probably enjoyed the time off, just like everybody else. C. L. Moulton is really living up his vacation. . . studying for a final exam. . . That's living? Well, he did plan to get in some early shopping. . . The department extends sincere sympathy to R. C. Blevins in the death of his cousin, to A. Mills in the death of his cousin, to the wife of M. Whited in the death of her brother, and to the wife of J. V. Bibee in her father's death. . . J. V. Bibee is on the ailing list and best wishes to him.

Research Services welcomes newcomers in B. F. Porter, T. R. McCullah, and R. D. Shank. . . Sympathy is extended to C. K. Heisey's family in the death of his father-in-law and to J. L. Hyder whose grandmother died recently. . . Get well wishes are speeded to L. R. Hall, W. L. Allen, H. L. Bradley, and C. E. Harris.

Minnie Pearl says the Twist is like farming. "Corn in the upper fields. Cotton below — then rotate the crops!"

ENGINEERING

Mechanical Engineering pauses to remember that R. V. Miskell is spending a few days in the windy city of Chicago. . . Luther Seals is vacationing at home around Alcoa. . . Betty Rose had as her guests for the Vanderbilt-Tennessee game, her sister and her family from Chattanooga. . . Speedy wishes for an even speedier recovery is sent to W. R. Hensley and E. J. Asbury on the ailing lists. . . Kurt Delcours vacationed around home in Oak Ridge.

The ladder of success usually contains no rounds of applause.

INDUSTRIAL RELATIONS

Liz Campbell, down in the Fire and Guard Department, "lows she finally caught "it" too, but is back now after her miseries. . . Get

well wishes are sent Captain LeRoy Dickenson, injured in an automobile accident, has five broken ribs! Good thing he's not another Adam. . . Of all the deer hunting down at F&G, at long last, and finally, E. E. Gregory hooked one, passed out some of the venison to fellow workers.

Employment has out the red carpet again welcoming in Jymme Sue Walton. . . And a delayed "welcome aboard" to Bill Akers.

TECHNICAL

Radiation Safety has out the welcome mat for Alice Dixon, meanwhile saying goodbye to Freda Keith.

A man can wear his hair three ways, parted, unparted, and departed.

MECHANICAL OPERATIONS

Special Mechanical Production has J. D. Bowling, J. T. Taylor, and F. A. Stewart all out on recent "where did he go?" vacations. . . J. H. Billingsley used his time off to browse around and move into a new home. . . G. A. Ware tripped up to Central Peninsula for a try at the deers in that vicinity.

Production Control produces a passel of interesting items. Vacations occupies most of the news. Frank Winstead spent his time moving into his new home in Clinton. . . Joe Johnson spent his at home in Oak Ridge. . . Jim Burns (the Gay Blade) flew to Miami for a few days. . . Walt Goode spent a few days hunting (what?) with his father-in-law. . . Buddy Scott spent some time in South Carolina. . . Ernie Kennedy took off a few days to practice walking down the aisle with his daughter on Christmas Eve. . . The University of Kentucky will never be the same since Kathy Mills and Pat Puckett visited it during the UT-UK game (yah, yah, yah, WE won!). . . Red Wiest is still talking about the big gun show in Knoxville. . . Sympathy to Harold Babb's family in the recent death of Mrs. Babb's mother. . . Get well wishes to Bob Harris's father, none other than old Fuzz, who was hospitalized recently.



Candy Ann Kesterson

How about those spit-curls, already? Little Candy Ann Kesterson is the grand-daughter of W. K. Collins, Beta Four Assembly and Forming. She put in her arrival early November 29, and weighed nine pounds, and eight ounces.

Other Beta Four folk are saying that the year's vacation schedule for the group wound up with the following taking vacations into the unknown, wild, blue yonder: E. C. Alred, C. W. Cate, J. Cogswell, V. H. Culberson, N. E. Hoffman, C. E. Nance, T. Overton, E. H. Ashton, W. T. Chapman,

Mechanical Operations Party



PRIZE-WINNERS GALORE line up at the big Mechanical Operations dance, held Friday night, December 1, at the Oak Terrace, Oak Ridge. Each lucky ticket holder won a surprise package. Luggage, transistor radios, and electric shavers also added a certain zest to the drawings. Actually, there were three drawings, the last one held too late for the early-to-bed photographer. The top photo shows in the first row, from left, Henry Hammock, Jack Day, Harlan Wright and Mary Ann Wright, Jim Turner, Ray Guinn and Dick Seagren. Standing in the back row are George McGill, Dale Lewis, Jack Case, Hazel Case, Ginger Butler, Mary Vavalides, Bob Orr, Barbara Ford, and Dudley Drake. The lower shot shows other winners, back row, Fred Baker, Bob Lovell, Hank Stoner, Vern Gritzner, and Fran Stoner. Bottom row are Thelma Douglass, Bonnie Crone, Margaret Benninghoff, Leroy Taylor, Bob Cable and Jo Sanders.

L. H. Hensley, H. L. Smith, F. Marshall, C. W. Walker, K. D. Henderson, H. A. Hutcheson, L. L. Murray, and V. H. Smallen.

Condolences to E. C. Brown on the death of his mother recently, and also to G. W. Peach on the death of his father-in-law. . . The folks are sorry to see W. H. Bonney leaving the department, but feel sure that their loss is the gain of the folks in Building 9998.

SHIFT SUPERINTENDENTS AND UTILITIES

Correspondent, and ably so, too, Jackie Ward is off ill and best wishes go to her. We miss you, Jackie! . . . Also H. L. Cox is ill in St. Mary's Hospital, Knoxville, and best wishes to him also. . . Vacationing at home, and doing some early shopping are J. T. Farmer, J. C. Yarber, E. D. Lay, C. D. Langley, and Jim Potter. . . J. A. McLain is a welcome sight back on the grounds after recovering from injuries sustained in a car wreck recently. . . Bossman D. H. Rader vacationed one day last week to rest after his labors.

A recent medic asked his patient: "Did you take that medicine religiously as I ordered you to?"

Patient: "Well, Doc, I cussed just a little!"



Get well wishes are speeded the following Y-12 employees who were patients last week in the Oak Ridge Hospital:

Corene N. Johnson, Product Processing; Hubert Myers, Buildings and Grounds; Edward W. Pipes, Electrical; Clarence Brown, Production Inspection; R. E. Mount, Jr., Physical Testing; J. C. Holt, Area Five Maintenance; John S. Henley, Microreproduction and Engineering Services; Carl M. Neal, Area Five Maintenance; E. C. Barnes, Mechanical Maintenance; and W. A. Fillers, Research Services.

Holiday Bureau Sets Open House

The Holiday Bureau in Oak Ridge is having Open House Sunday, December 17. The doors open at noon and the welcome mat is out until 6 p.m. The public is invited to drop in and see the miracles that can be wrought with used and apparently worn out toys.

The toys, as well as clothing, are distributed to needy families in this area during the holidays. The Holiday Bureau is located in the old Wender Building, next door to the Oak Ridge offices, on Tyrone Road, Oak Ridge. Many Y-12ers have been instrumental in aiding the bureau this year, both in services and contributions.

The bureau is still accepting volunteers to help paint and repair the toys, as well as box clothing and goods. Open almost any night as the holy season approaches, the bureau office will welcome any assistance you can give.

Shocking Facts Give Nod To Metal Trees

Metal Christmas trees are becoming popular items around the homes during this season. Various

types of trees can be used over and over again. The National Board of Fire Underwriters recommend an off-the-tree lighting system for these new type trees, however. A softer and more beautiful illumination may be gained by the use of colored lights away from the tree.

Placing strings of lights on metal trees adds the extra possibility of electric shock if the cord becomes frayed or the sockets come in contact with the metal. So play it safe and use off-the-tree lighting on that metal Christmas tree. Don't be shocked by Christmas follies!

OVER THE RAINBOW

More than 35,000 golf balls were sold in the United States last year, more than twice the amount sold 20 years ago.

D League Lead Tied Three-Ways

Dry Hides Allow Rivals To Move In

Y-12's hopes in the D League for Carbide Bowlers got a jolt last week as the league-leaders, the Dry Hides dropped two points to the Sh-Booms. There is now in the league a three-way tie for first honors.

Y-12's other team, the Rodders, captured two out of three possible points from the Guttersnipes. High handicap single game was rolled by Bill Montgomery, Gassers, with a 267; while series handicap honors went to B. S. Borie, Beryls, with 666.

League standing follows:

Team	W	L
Dry Hides (Y-12)	20	11
Sh-Booms	20	11
Gassers	20	11
ORINS	18	13
Alley Rams	18	13
Chemix	17	14
Beryls	16	15
Pin Heads	15	16
Rodders (Y-12)	13	18
Termites	13	18
Hephex	7	24
Guttersnipes	7	24

Y-12 Bowlers Gain Slightly

Rollmasters Take 3 Points From Rookies

The Carbide Bowling League, which has no official name, but calls itself loosely, the Wednesday 5:45 League, got in a full week of alley activity. The Y-12 team in the group, the Rollmasters picked up three points from cellar dwellers, the Rookies. The Head Pins, Oak Ridge Gaseous Diffusion Plant's league leaders, put assurance to their side by walloping the Wallops for the full count of four.

John Nenon, Cast Offs, rolled the top single scratch game of the week with 233. Roger DeLoar, Planners, swept the rest of the individual scoring with 266, 573 and 666. Handicap honors went to the Cast Offs with 1070 and the Mix-Ups with 2953.

League standing follows:

Team	W	L
Head Pins	41	15
Sandbaggers	32	24
Planners	30 1/2	25 1/2
Wood Peckers	29 1/2	26 1/2
Rollmasters (Y-12)	29	27
Mix Ups	29	27
Cast Offs	28	28
Pirates	27	29
Wacos	25	31
Lab Demons	25	31
Wallops	24	32
Rookies	15	41

North Carolina Granted Carbide Stock In Gift

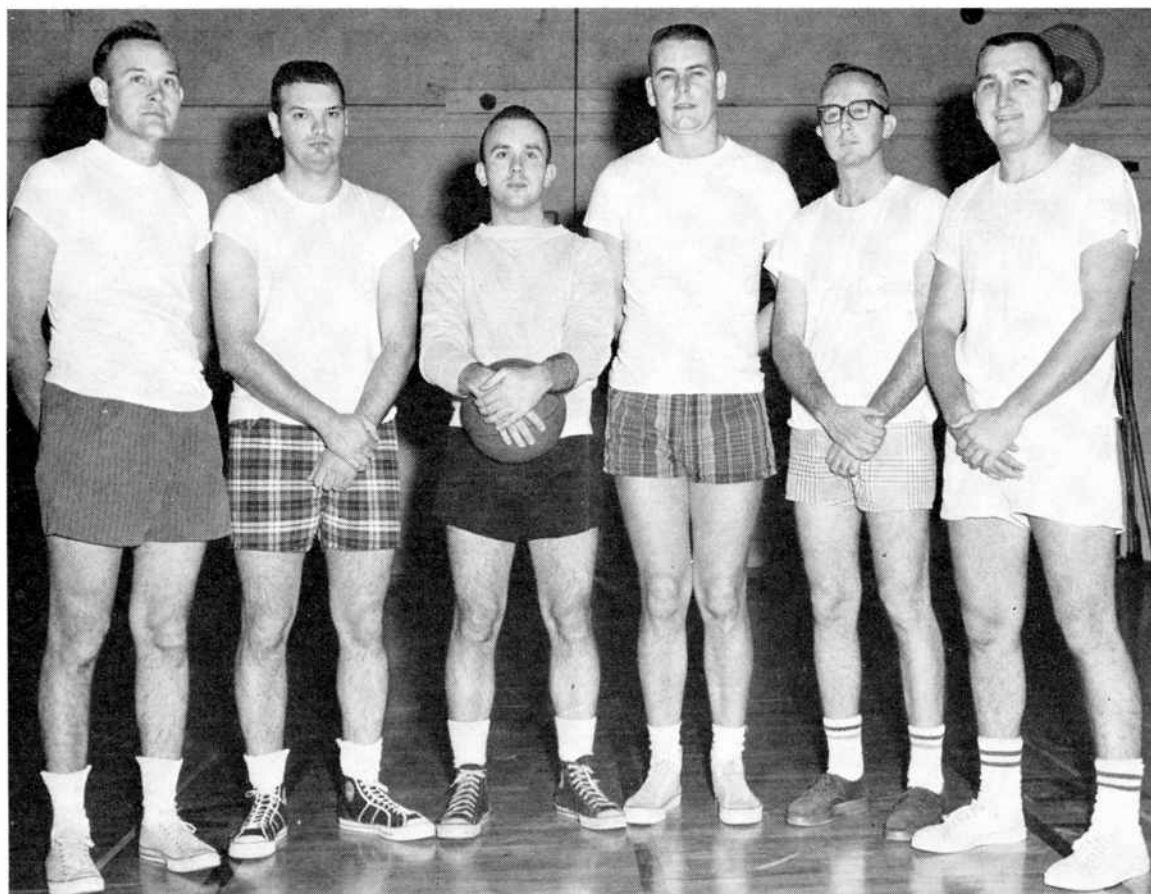
A gift, in the form of 50,000 shares of Union Carbide stock, was recently added to the John Motley Morehead Scholarship Foundation at the University of North Carolina, Chapel Hill, N. C. This \$7,000,000 donation brings the total scholarship fund to a total of \$17,000,000.

The 90-year-old philanthropist graduated from the University of North Carolina in 1891. He made the presentation at a recent dinner held in the Morehead Planetarium, which he had given to the university some years ago. Commenting on the gift, William B. Aycock, chancellor of the university, said, "Dominating the picture of a character analysis of John Motley Morehead are two traits — his faith in people, particularly young men, and his generosity to them and to the university he loves."

BARBERS' DILEMMA

Balding men sometimes object because they have to pay the same for hair-cuts as men do with plenty of hair. Barbers explain there's so little sometimes, they charge for looking for it.

Know when to zip your lip.



THE KINGSTON FIVE, NEWCOMERS TO Y-12's basketball courts stand "six strong" here ready for all competition. The Kingston Five lost their opener to the Y-12 Atoms, but promise tougher games as the season mellows.

Y-12 22-Men Overcome The Independents

The tie for the lead in the Carbide 22 Rifle League got re-adjusted last week as the Y-12 team won two points from the Independents. The Oak Ridge National Laboratory team also took two from the Oak Ridge Gaseous Diffusion Plant team.

Scratch firing for the Y-12 men was held by Bert Searles with a 284, who also took handicap tops with 288.968. Second man was Bob Powers with a scratch firing total of 281.

Dave DeWalt led the Independents with a 286 scratch score, and 288.603 handicap tally.

League standing follows:

Team	W	L
Y-12	7	2
ORNL	7	2
Independents	4	5
ORGDP	0	9

Muskies Flourish In Tennessee Waters

Experimental placement of mighty muskies in Tennessee's waters have shown hopeful results, according to Price Wilkins, supervisor of the cold water fisheries for Tennessee's Game and Fish Commission. Twenty-seven of the 65 muskies planted in the Frog Pond area of Cherokee Lake last March have been recovered, according to Wilkins. The baby fish weighed only three ounces when planted in the spring. The 27 captured averaged weighing five pounds each.

In an attempt to plant these productive game fish in local waters, Game and Fish people are most optimistic. Unconfirmed reports indicated that at least some of the game fish planted in Dale Hollow Lake have been caught, the latest a 15-pounder now in the hands of a Knoxville taxidermist.



"It's a whole new concept of cooking."

Kingston Five Move To Cellar In Basketball; Lose Two More

Luckless Players Drop Heavy To ORGDP's Demons; Mighty Atoms Drop To Demons In Close Game

The Kingston Five dropped their second game in the Carbide Basketball League last week, falling 56 to 32 to the Oak Ridge Gaseous Diffusion Plant's Peons. Ron Ragland led the losers with eight points in the basket, Plemons had seven, and Inman and Butler had six points each. For the winning Peons G. E. Harris looped 23 points through the hoop, while Terry Mothershed scored 10.

The luckless Five dropped their third game also last week, falling to the mighty Lab Demons from ORGDP, 40 to 27. Bethel Poston led the conquered team in scoring with 10 points. Jim Batch scored six. Edd Woy led the victors with 11 total tallies.

The Lab Demons showed their might against Y-12's Atoms last week by clipping them 51 to 45. The close game belonged to the Atoms until the last quarter. Jim George led the Atoms, scoring a mighty 21 points. Carlos Brooks scored 10 points. For the victors it was again Edd Woy with 18, and Fike with 11.

Two Y-12 teams clashed as the Eagles and Hoopniks had a close one. The final decision went to the Eagles with a total score of 52 over the Hoopniks' 48. Chief scorer for the winners was J. R. Pugh and Dan Greaser, who boasted 13 tallies. C. A. Peters, for the losers, took their combined scores of 26 points.

Due to a mix-up in scheduling two games were not played. They will be re-scheduled and played in the near future.

League standing follows:

Team	W	L
Lab Demons	3	0
American Eagles	2	0
Atoms	2	1
Peons	2	1
Jay Birds	1	1
Hoopniks	1	2
B Shift	0	1
Kingston Five	0	3

Split Dove Season Opens On Monday

The second half of the open season on doves is scheduled to get underway in Tennessee next Monday, December 18. The last part of the split season will run from December 18 through January 1, 1962. The legal shooting hours for dove are from 12 noon until sunset and the daily bag and possession limit remains at 12 and 24 birds, Game and Fish Commission officials stated.

Guttersnipes Drop Slightly At Kingston

Y-12's contingent in the Kingston bowling league dropped three points last week to the league leading Rookies, thus forfeiting their second place in league standing. The Could Bes moved into second place by virtue of their three point win over the Sparemen.

Bill Schwak, of the Rookies, rolled a high single game of 233 to lead scoring of the day.

League standing follows:

Team	W	L
Rookies	39	13
Could Bes	29	23
Guttersnipes (Y-12)	27	25
Head Pins	25	27
Sparemen	19	33
Alley Cads	17	35

B Shift's Turkey Shoot Set Tomorrow

Thursday, December 14, is the magic day circled on the calendar by B Shift as they ready for the big holiday turkey-ham shoot at the Oliver Springs airport. Classes will be included in the 12-16-20 gauge shotgun categories, as well as open sight rifle shooting.

All Y-12ers are being welcomed at the shoot. Free coffee and doughnuts will be available. Door prizes will be awarded lucky ticketholders, giving those men a chance to win who can't shoot so well.

THRIFTY CALIFORNIANS

California farmers grow one-third of all the fruits in this country and one-fourth of all the vegetables eaten, yet they cultivate only two per cent of the nation's cropland area.

Skeet Leaguers' Finals Sunday

Case And Pitt Lead Skeeters Last Round

The Carbide Skeet League, in firings held Sunday, December 2, saw Y-12ers take the first three slots in both scratch and handicap scoring. Jack Case led the Skeeters in scratch firing with a fine 170 score, followed by Fred Welfare's incomplete firing score of 160, and Don Pitt's 158.

Handicap scores gave the lead to Don Pitt, M. C. "Red" Wiest and Robert McNabb. Pitt fired 190; Wiest and McNabb tied with 187; followed by Case's 186.

Next Sunday's firings at the Oak Ridge Sportsmen's Association will be the final shoot of the current league. All scores will be declared final at the end of firing Sunday.

League standings follow:

SCRATCH	
Jack Case, Y-12	170
*Fred Welfare, Y-12	160
Don Pitt, Y-12	158
*Bill Brundage, ORNL	147
*Robert McNabb, Y-12	154
*K. W. Bahler, ORGDP	150
*M. L. Bailey, Y-12	150
*F. S. Patton, Y-12	148
*W. H. Davy, ORGDP	147
*R. E. McHenry, ORNL	142
*Jim Hodges, Y-12	139
*Hall Tunnell, Y-12	132
*J. M. Patterson, Y-12	128
*M. C. Wiest, Y-12	128
*Charlie Asmanes, Y-12	127
*Jim Turner, Y-12	124
*Bill Sahr, Y-12	113
*Darell Bell, Y-12	112
*Avis Collins, Y-12	108
*J. P. Murray, UCNC	91
*Clyde Hopkins	90
*Jack Steward, Y-12	80
*M. A. Bender, ORNL	72
*Bill Weathersby, Y-12	62
*Betty Bell, ORNL	59
*Dave Kirkman, Y-12	51
*R. S. Bender, ORNL	38
*J. E. Rhew, Y-12	37

HANDICAP	
Don Pitt, Y-12	190
M. C. Wiest, Y-12	187
Robert McNabb, Y-12	187
J. M. Case, Y-12	186
Darell Bell, Y-12	172
*R. E. McHenry, ORNL	171
*W. H. Davy, ORGDP	169
*F. S. Patton, Y-12	169
*Fred Welfare, Y-12	168
*M. L. Bailey, Y-12	167
*Bill Brundage, ORNL	167
*K. W. Bahler, ORGDP	162
*Bill Sahr, Y-12	162
*Jim Hodges, Y-12	160
*Charlie Asmanes, ORGDP	158
*J. M. Patterson, Y-12	157
*Hall Tunnell, Y-12	153
*Jim Turner, Y-12	146
*Betty Bell, ORNL	145
*Avis Collins, Y-12	139
*J. P. McMurray, UCNC	137
*Clyde Hopkins, Y-12	116
*Jack Steward, Y-12	115
*M. A. Bender, ORNL	95
*Bill Weathersby, Y-12	84
*Dave Kirkman, Y-12	65
*R. S. Bender, Y-12	61
*J. E. Rhew, Y-12	49

*Incomplete Scores.

Duck Stamps Take In Heap O' Scratch

Since the first duck stamps went on sale in 1934, many waterfowlers have wondered just how the money was spent. A recent news bulletin from the Wildlife Management Institute gives a breakdown on monies spent in the past 27 years. A total revenue taken from stamp sales ran up to an astounding \$72,945,481. A breakdown of these expenditures shows that \$1,504,600 went to the Post Office Department expenses; land acquisition (383,732 acres) \$14,572,956; law enforcement, \$9,134,032; research, \$3,684,204; refuge maintenance, \$24,299,194; refuge development, \$11,971,047; engineering, \$676,650; administration, \$2,884,112; and river basin studies, \$1,274,361. Duck hunters can readily see where their money has gone through the years.

IS THIS SLIP NECESSARY?



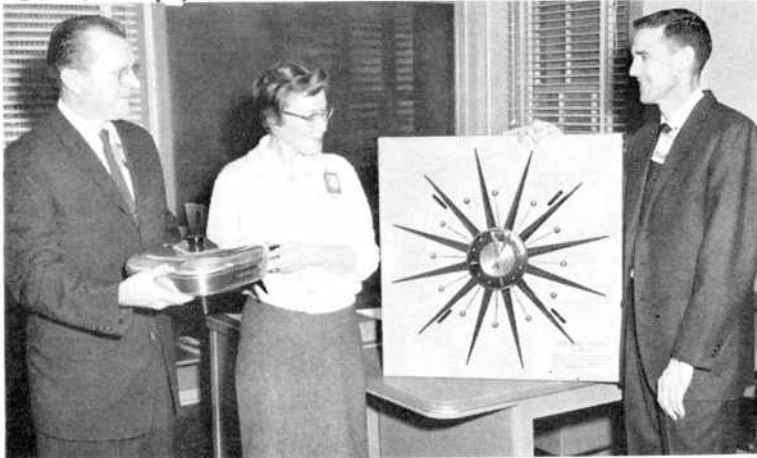
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NOVEMBER POSTER WINNERS receive their awards from Y-12 Plant Superintendent Robert G. Jordan. Barbara Pullen took second prize, an electric frypan, and Bobbie Rutherford won the first prize, an electric wall clock.

November Poster Winners Awarded Fine 'Electric' Prizes In Contest

November's poster contest was taken by Bobbie F. Rutherford, in Radiation Safety. Bobbie chose the electric wall clock as his award. Barbara Pullen, Process Analysis, capped second prize and walked away with the electric frypan. The theme of the contest was "Nuclear Safety and Radiation Evacuation," a natural topic for Rutherford.

You don't have to be an expert, however, to win in the poster contest. The winning entry in last month's race was general enough to have been won by any Y-12er.

December Race Started

The December competition has already got underway, with entries already being received in the Safety Department. The theme for this month's race is "Safety Equipment — Its Purpose and Use." Prizes offered for the winners are an electric wall heater, and an electric blanket.

Rutherford's idea for a poster will be adapted and posted throughout the plant during the February safety agenda.

Contest Sponsored By Safety

Safety will be happy to answer any question you might have on the contest. Their telephone number is 7741. If there is something about the rules you don't understand, just call them up. They'll be happy to help you.

Rutherford's poster carried a collection of keys, depicting the keys available for nuclear safety and radiation evacuation. The keys to be used bore the inscriptions: Safe Attitude, Safe Practice, and Safe Equipment. While on the negative keys were the words Assembly Station, Personnel Monitoring Depot.



"Pearson, you haven't been here long enough to get a vacation, but I'm putting a sunlamp in your desk light."

KEYS AVAILABLE



USE THESE —



NOT THESE



'Atomic Battery' Still Functioning In Space

The world's first "atomic battery" continues to operate successfully in space after 20 weeks of orbiting the earth. The satellite is circling the earth every 94 minutes in a near polar orbit. The generator, in the nose cone, is operated by the spontaneous decay of plutonium 238, which generates heat in itself and is transferred to the containment block surrounding it.

Generating 2.7 watts of electrical power, the satellite, known as Transit IV-A, was launched from Cape Canaveral June 29, 1961.

A ROSE IS A ROSE

Chimpanzees brought up in human families behave remarkably like children in their early years. Then some people never stop acting like monkeys!



Ride wanted from 82 Tennessee Avenue, Efficiency Apartment A-1, Oak Ridge to Central Portal, straight day. Mildred Humpston, plant phone 6461, home phone Oak Ridge 483-3783.

Car pool members wanted from vicinity of Norwood and/or Rambling Acres, Knoxville, to any portal, straight day. H. G. Smith, plant phone 7797, home phone Knoxville 689-5825.

Ride wanted or will join car pool from Magnolia Avenue, Chestnut, vicinity, Knoxville, to West Portal, straight day. C. J. Moody, plant phone 7-8687, home phone Knoxville 524-8324.

Ride wanted from Powell section to West Portal, straight day. W. A. Kramer, plant phone 7515.

Will join car pool from Harri-man to Central Portal, straight day. R. L. Johnson, plant phone 7191, home phone Harriman 963.

Ride wanted from Garden Road, Powell, to West Portal, E Shift. J. B. Branham, plant phone 7701, home phone Powell 947-6113.

Riders wanted from Knoxville to any portal, straight days. E. E. Cook, plant phone 7-8449, home phone Knoxville 577-4786.

Santa Brings Early Pay For Monthly-Paid Y-12ers

The Payroll Department has announced that monthly roll personnel will be paid early this month. Regular paydays fall on the 26th day of each month, but, because of the holiday in December, payday will occur next Wednesday, December 20.

Pay checks may be picked up at the regular place at this time, and those banking by mail will have their checks mailed to their respective banks early for this month only.

OLD LAWS PASS AWAY

In ancient India a law decreed that if a husband got into debt, his wife could sell him into slavery to pay off the creditors.

PROGRESS AGAINST FAMINE

For the first time in the history of the world, at least one third of the world's population is free from hunger.



THE SAFETY DEPARTMENT always welcomes ideas to improve shop conditions. This welcome idea came recently from C. L. Tate, General Machine Shop. Tate designed a receptacle for safety glasses at the entrance to the machine shop on the stairwell of Building 9201-1. The red flashing lights call attention to all entering the shop. Supervision in the machine shop escort visitors back to the display if they are found in the area without safety glasses. This convenient, applicable suggestion has resulted in a noted improvement in the wearing of safety glasses.

Industrial Health Group Met At ORNL Last Week

Several Y-12ers attended the two-day meet on industrial health protection last week at the Oak Ridge National Laboratory. Approximately 135 Atomic Energy Commission and operating contractor personnel from throughout the nation attended the Union Carbide Corporation hosted meeting. Groups involved represented industrial hygiene, safety and fire protection, applied health physics, occupational medicine and nuclear safety.

Greeks And Danes Have Words For 'Snakebites'

The national drink of Greece is called ouzo. Authorities say, "At first the taste is like that of a combination of cough medicine and licorice candy; several drinks later the taste is still that of a combination of cough medicine and licorice candy but you somehow care less!" Over in Denmark, the national firewater is snapps — one Dane suggests, "don't sip, don't taste, just throw it down manfully and hope for the best."

BUSY DAY, BUSY DAY

"If you feel you are too busy to take an interest in government . . . feel that getting mixed up in politics is beneath your dignity or bad for business . . . then at least take time for one thing: teach your children to count in rubles — they'll need to with the inheritance you're leaving them." Willard Wilson, American Petroleum Institute.

Security is always in season.

Application For Tickets To Christmas Parties

FOR CHILDREN OF CARBIDE EMPLOYEES

WEDNESDAY, DECEMBER 20 AND THURSDAY, DECEMBER 21

Employee's Name _____ Badge No. _____

Home Address _____

(PLEASE PRINT — STREET ADDRESS, R.F.D., CITY)

NUMBER OF TICKETS NEEDED FOR CHILDREN _____

NUMBER OF TICKETS NEEDED FOR PARENTS _____

— CHECK TIME AND DAY PREFERRED —

Wednesday, December 20 10 A.M. _____ 1 P.M. _____ 3 P.M. _____

Thursday, December 21 10 A.M. _____ 1 P.M. _____ 3 P.M. _____

Please check first and second choice (write in space "1" or "2") as only a limited number of tickets will be issued for each party. Preference will be given early applicants and if tickets for first-choice are exhausted, tickets for second choice will be issued.

Return this form, properly filled in, immediately to the Y-12 Recreation Office, Room 149, Bldg. 9704-2, NOT LATER than December 15. The required number of tickets will then be mailed to parents at their HOME ADDRESS.